

This listing of Claims will replace all prior versions, and listing of Claims in the application:

Listing of Claims:

Claims 1-88. (Cancelled)

89. (New) A cellular expression system comprising:

a. a first integration cassette comprising

i. a first promoter operably linked to

ii. a first exchangeable reporter segment comprising a first scorable

homeostatic reporter element, which comprises at least a first scorable reporter gene, the first scorable homeostatic reporter element linked at its 5' end to a first frt recombinase recognition site, and at its 3' end to a second frt recombinase recognition site;

wherein the first integration cassette is capable of stable and random insertion into a first discrete genomic position in a host cell, thereby creating a first recombinant cell population;

b. a second integration cassette comprising

i. a second promoter operably linked to

ii. a second exchangeable reporter segment comprising a second scorable

homeostatic reporter element, which comprises at least a second scorable reporter gene, the second scorable homeostatic reporter element linked at its 5' end to a third frt recombinase recognition site, and at its 3' end to a fourth frt recombinase recognition site;

wherein the second integration cassette is capable of stable and random insertion into a second discrete genomic position in a host cell of the first recombinant cell population, thereby creating a second recombinant cell population; and

c. a first target cassette comprising a first exchangeable target segment comprising:

- i. a fifth frt recombinase recognition site, capable of recognizing the first frt recombinase recognition site in the first integration cassette;
- ii. a first target element comprising a nucleic acid encoding a first subunit of a multisubunit complex; and
- iii. a sixth frt recombinase recognition site, capable of recognizing the second frt recombinase recognition site in the first integration cassette;

wherein the first target element is linked at its 5' end to the fifth frt recombinase recognition site, and at its 3' end to the sixth frt recombinase recognition site; and

d. a second target cassette comprising a second exchangeable target segment comprising:

- i. a seventh frt recombinase recognition site, capable of recognizing the third frt recombinase recognition site in the second integration cassette;
- ii. a second target element comprising a nucleic acid encoding a second subunit of the multisubunit complex; and
- iii. an eighth frt recombinase recognition site, capable of recognizing the fourth frt recombinase recognition site in the second integration cassette;

wherein the second target element is linked at its 5' end to the seventh frt recombinase recognition site, and at its 3' end to the eighth frt recombinase recognition site; and

e. at least one rec element encoding FLP recombinase activity recognizing the frt recombinase recognition sites of a, b, c, and d;

wherein introduction of the rec element, the first target cassette, and the second target cassette to the second recombinant cell population results in site-specific substitution of the first exchangeable reporter segment with the first exchangeable target segment at the first discrete genomic position, and site-specific substitution of the second exchangeable reporter segment with the second exchangeable target segment at the second discrete genomic position.

90. (New) The cellular expression system of Claim 89, wherein the first and/or second scorable reporter gene encodes a membrane-bound protein.

91. (New) The cellular expression system of Claim 90, wherein said protein is selected from the group consisting of CD4, CD8, and membrane-bound immunoglobulin.

92. (New) The cellular expression system of Claim 89, wherein the multisubunit complex is an antibody.

93. (New) The cellular expression system of Claim 89, wherein the first subunit is an antibody heavy chain or an antibody light chain.

94. (New) The cellular expression system of Claim 89, wherein the second subunit is an antibody heavy chain or an antibody light chain.

95. (New) The cellular expression system of Claim 89, wherein the expression levels of the first scorable reporter gene inserted at said first discrete genomic position and second scorable reporter gene inserted at said second discrete genomic position are quantitatively equivalent.

96. (New) The cellular expression system of Claim 89, wherein the rec element is included in the first target cassette and/or the second target cassette.

97. (New) The cellular expression system of Claim 89, wherein the rec element is included in a separate vector.

98. (New) The cellular expression system of Claim 89, wherein the first and/or second integration cassette further comprises a tag.

99. (New) The cellular expression system of Claim 89, wherein the first and/or second integration cassette further comprises a polycistronic element.

100. (New) The cellular expression system of Claim 89, wherein the first and/or second target cassette further comprises a tag.

101. (New) The cellular expression system of Claim 89, wherein the first target cassette further comprises a first selectable marker.

102. (New) The cellular expression system of Claim 89, wherein the second target cassette further comprises a second selectable marker.

103. (New) The cellular expression system of Claim 89 wherein the host cell is selected from the group consisting of mammalian cells, yeast cells, and bacterial cells.